WHAT IS CLAIMED IS:

1	 A method for coordinating charging information in a communications network
2	the method comprising:
3	establishing a communication connection;
4	generating a globally unique charging identification in a first network element and
5	associating said globally unique charging identification with said communication
6	connection; and
7	sending said globally unique charging identification from said first network
8	element to a second network element.
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- 2. The method of claim 1, wherein said second network element uses said globally unique charging identification to collect charging information.
- 3. The method of claim 1, wherein said globally unique charging identification 1 includes the address of the first network element.

Control Function (CSCF).

1 4. The method of claim 1, wherein said communication channel is a Packet Data 2 Protocol (PDP) context. 1 5. The method of claim 1, wherein said globally unique charging identification is generated by a GGSN. 6. The method of claim 1, wherein said first network element is a Mobile Station 2 (MS). 7. The method of claim 1, wherein said first network element is a Serving GPRS 1 2 Support Node (SGSN). 1 8. The method of claim 1, wherein said first network element is a Gateway 2 GPRS Support Node (GGSN). 1 9. The method of claim 1, wherein said second network element is a Call State

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- 1 10. The method of claim 1, wherein said second network element sends said 2 globally unique charging identification towards an endpoint of a communication.
 - 11. The method of claim 10, wherein said second network element sends said globally unique charging identification to a second network.
 - 12. The method of claim 10, wherein said second network collects charging data using said globally unique charging identification and prepares billing using the collected charging data.
 - 13. The method of claim 12, wherein said second network collects charging data from a plurality of call detail records associated with said globally unique charging identification.
- 14. A method for coordinating information between a transport layer and an application layer in a communications network, the method comprising: 3 initiating a transaction in a first network element in an application layer; assigning a tuple for each communication connection within said transaction; initiating a communication connection in said first network element in said application layer; and
 - associating said communication connection with said transaction using said tuple or tuple pair.

1	15. The method of claim 14, wherein said tuple or tuple pair is forwarded to a
2	second network element in said application layer.
1	16. The method of claim 15, wherein said tuple or tuple pair is forwarded to a third
2	network element and a fourth network element in a transport layer.
1	17. The method of claim 16, wherein charging information generated by said fourth
2	network element and said third network element in said transport layer and by the second
3	network element in said application layer is associated with said tuple or tuple pair.
1	18. The method of claim 14, wherein said tuple includes a destination IP address
2	and port information of a transaction specific media connection.
1	19. The method of claim 15, wherein said second network element is a CSCF.
1	20. The method of claim 16, wherein said third network element is a SGSN and
2	said fourth network element is a GGSN.
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ı	21. The method of claim 17, wherein said charging information is a CDR.
2	5 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
l	22. The method of claim 14, wherein said communication connection is a Pocket

Data Protocol (PDP) context.

1 23.	The method of clai	m 14, wherein said	transaction is a call.
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24. A system for coordinating information between an application layer and a
 transport layer, the system comprising:
 means for initiating a transaction in a first network element in an application layer;
 means for assigning a tuple or tuple pair to said transaction;
 means for initiating a communication connection in said first network element in said
 application layer; and
 means for associating said communication connection with said transaction using
 said tuple or tuple pair.